

polycarbonate resin II has a viscosity average molecular weight of 20,000 or more as noted on page 12, line 5 and page 13, lines 2-16. It is noted on page 13 that a (first) polycarbonate resin of lower molecular weight (from about 15,000-20,000) is provided to maintain wearability when a polycarbonate resin of higher molecular weight is utilized to provide wear resistance and hardness. Since strength is said to abruptly decrease in a molecular weight range of 15,000 to 20,000 for a polycarbonate resin, the first resin is selected to have a weight of 15,000 or less to cause an abrupt reduction of strength and increase wearability of the blend. Applicants have set the second polycarbonate resin to be 20,000 or more in weight to maintain sufficient strength.

Claims 15, 29 and 31 were also amended pursuant to Fig. 5 and page 14, lines 5-16 to clarify that the parts by weight is based on 100 parts by weight of charge transport layer.


Claims 31 and 32 were also deemed objectionable since there was said to be no description of a "cleaning system". The claims in issue have now been amended pursuant to page 7, lines 22 to page 8, line 14, pages 12-14, page 22, lines 16-23, page 23, lines 10-22 and Fig. 4 to recite a process unit having a photosensitive member and a cleaning member. Such a process unit is disclosed, inter alia, on page 7, lines 22-26 and in Fig. 4. In order to advance prosecution, if the Examiner is not in complete agreement, then claims 31 and 32 can be cancelled to expedite allowance.

It is requested that the amendment be entered to reduce the issues and place the case in allowable form. If any issues remain the Examiner is encouraged to contact the undersigned to discuss resolution thereof.

The final rejection should be withdrawn, the claims allowed and the case passed to issue.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,


Attorney for Applicants

Registration No. 24947

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200



VERSION WITH MARKINGS TO SHOW CHANGES MADE TO CLAIMS

15. (Amended) A process unit comprising:

- (a) an electrophotographic photosensitive member for retaining a developer image thereon;
- (b) a charging member in contact with said electrophotographic photosensitive member for charging the electrophotographic photosensitive member; and
- (c) a cleaning member for cleaning a surface of said electrophotographic photosensitive member by scraping the surface of said electrophotographic photosensitive member,

wherein the surface of said electrophotographic photosensitive member produces scraped particles of said surface, said particles have an average particle diameter of 9 μm or less and a total weight of the scraped particles is 16 mg or more per a length of 2.8×10^2 mm in a longitudinal direction of said electrophotographic photosensitive member, when the surface of said electrophotographic photosensitive member is scraped by said cleaning member without said electrophotographic photosensitive member retaining the developer image thereon under conditions in that said cleaning member abuts against said electrophotographic photosensitive member at an abutment pressure of 20-80

gf/cm and a movement distance of said electrophotographic photosensitive member is 1.0×10^6 mm, and

wherein said electrophotographic photosensitive member has a charge transport layer at a surface thereof, and said charge transport layer includes a blend of a first polycarbonate resin having a viscosity average molecular weight of 15,000 or less, a second polycarbonate resin having a viscosity average [higher] molecular weight of 20,000 or more and fluoroplastic particles of not less than 1 part by weight and not more than 10 parts by weight based on 100 parts by [a total] weight of said charge transport layer.

29. (Amended) An image forming apparatus comprising:

- (a) an electrophotographic photosensitive member which can retain a developer image thereon;
- (b) a charging member in contact with said electrophotographic photosensitive member for charging said electrophotographic photosensitive member;
- (c) exposure means for exposing said electrophotographic photosensitive member;
- (d) developing means for developing an electrostatic image formed on said electrophotographic photosensitive member with developer; and

(e) a cleaning member for cleaning a surface of said electrophotographic photosensitive member by scraping the surface of said electrophotographic photosensitive member,

wherein the surface of said electrophotographic photosensitive member produces scraped particles of said surface which have an average particle diameter of $9\text{ }\mu\text{m}$ or less and a total weight of the scraped particles is 16 mg or more per a length of 2.8×10^2 mm in a longitudinal direction of said electrophotographic photosensitive member, when the surface of said electrophotographic photosensitive member is scraped by said cleaning member without said electrophotographic photosensitive member retaining the developer image thereon under conditions in that said cleaning member abuts against said electrophotographic photosensitive member at an abutment pressure of 20 - 80 gf/cm and a movement distance of said electrophotographic photosensitive member is 1.0×10^6 mm, and

wherein said electrophotographic photosensitive member has a charge transport layer at a surface thereof, and said charge transport layer includes a blend of a first polycarbonate resin having a viscosity average molecular weight of 15,000 or less, a second polycarbonate resin having a [higher] viscosity average molecular weight of 20,000 or more and fluoroplastic particles of not less than 1 part by weight and not more than 10 parts by weight based on 100 parts by [a total] weight of said charge transport layer.

31. (Amended) A [cleaning system] process unit comprising:

an electrophotographic photosensitive member which can retain developer; and

a cleaning blade for cleaning a surface of said electrophotographic photosensitive member, said cleaning blade abutting against said electrophotographic photosensitive member at an abutment pressure of 20 - 80 gf/cm,

wherein the surface of said electrophotographic photosensitive member produces scraped particles of said surface, said scraped particles have an average particle diameter of 9 μm or less, and

wherein said electrophotographic photosensitive member has a charge transport layer at a surface thereof, and said charge transport layer includes a blend of a first polycarbonate resin having a viscosity average molecular weight of 15,000 or less, a second polycarbonate resin having a [higher] viscosity average molecular weight of 20,000 or more than said first polycarbonate resin and fluoroplastic particles of not less than 1 part by weight and not more than 10 parts by weight based on [a total] 100 parts by weight of said charge transport layer.

32. (Amended) A [cleaning] system] process unit according to claim 31, including a contact charge member which supplies AC voltage to contact charge said electrophotographic photosensitive member.--

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